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Term:

L9 and (nucleic acid near5 hybridiz\$7)

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result set

DB=USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ

<u>L10</u>	L9 and (nucleic acid near5 hybridiz\$7)	7	<u>L10</u>
<u>L9</u>	transforming growth factor\$1 near5 (wound\$1 or heal\$4)	150	<u>L9</u>
<u>L8</u>	L7	0	<u>L8</u>
<u>L7</u>	transforming growth factor near5 (wound\$1 or heal\$4)	0	<u>L7</u>
<u>L6</u>	L5 and (heal\$4 or wound\$1)	3915	<u>L6</u>
<u>L5</u>	transforming growth factor	5969	<u>L5</u>
<u>L4</u>	TGF bata3	0	<u>L4</u>
<u>L3</u>	L2 and nucleic acid sequence\$1	0	<u>L3</u>
<u>L2</u>	tissue repair protein	3	<u>L2</u>
<u>L1</u>	tissue repair protein near5 nucleic acid sequence near5 encod\$3	0	<u>L1</u>

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 7 of 7 returned.

- ☐ 1. 6642360. 25 May 01; 04 Nov 03. Secreted polypeptides that stimulate release of proteoglycans from cartilage. Filvaroff; Ellen, et al. 530/350; 530/324. C07K014/00 A61K038/16.
- ☐ 2. 6635468. 17 Jul 01; 21 Oct 03. Secreted and transmembrane polypeptides and nucleic acids encoding the same. Ashkenazi; Avi, et al. 435/252.3; 435/254.11 435/320.1 435/325 435/69.1 536/23.1 536/23.5 536/24.1. C12N001/21 C12N005/10 C12N015/12 C12N015/63.
- ☐ 3. 6436909. 14 Sep 00; 20 Aug 02. Antisense inhibition of transforming growth factor-.beta. expression. Dean; Nicholas M., et al. 514/44; 435/325 435/375 435/6 435/91.1 435/91.3 536/23.1 536/23.2 536/24.3 536/24.31 536/24.33 536/24.5. A61K048/00 C12Q001/68 C07H021/02 C07H021/04 C12N015/85.
- ☐ 4. 6197751. 04 Nov 98; 06 Mar 01. Thymosin .alpha.1 promotes tissue repair, angiogenesis and cell migration. Malinda; Katherine M., et al. 514/21; 514/12. A61K038/17.
- ☐ 5. 6001357. 27 Aug 98; 14 Dec 99. Method of enhancing wound healing with anti-IL-5 antibody. Wong; David T. W., et al. 424/145.1; 424/130.1 424/141.1 424/152.1 424/158.1 424/172.1 530/387.1 530/388.1 530/388.2 530/388.23 530/388.7. A61K039/395 C07K016/24.
- ☐ 6. 5801231. 30 May 95; 01 Sep 98. Nucleic acid encoding TGF-.beta. and its uses. Derynck; Rik M. A., et al. 536/23.1; 536/23.5 536/23.51. C12N015/11.
- ☐ 7. 5482851. 05 Nov 93; 09 Jan 96. Nucleic acid encoding TGF-.beta. and its uses. Derynck; Rik M. A., et al. 435/358; 435/69.4 530/350. C12N015/06 A61K038/18.

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Term	Documents
NUCLEIC	102984
NUCLEICS	20
ACID	1775958
ACIDS	530298
HYBRIDIZ\$7	0
HYBRIDIZ	2
HYBRIDIZA	19
HYBRIDIZAASSAY	1
HYBRIDIZAATION	3
HYBRIDIZABILITY	22
HYBRIDIZABLE	3403
(L9 AND (NUCLEIC ACID NEAR5	

HYBRIDIZ\$7)).USPT,EPAB,JPAB,DWPI.	7
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02868,564

FILE 'HOME' ENTERED AT 15:58:09 ON 06 FEB 2004)

FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE' ENTERED AT 15:58:29 ON 06 FEB 2004

L1 507 S TISSUE (10A) REPAIR (10A) PROTEIN#
L2 4 S L1 AND NUCLEIC ACID SEQUENCE#
L3 0 S L2 AND HYBRIDIZ#####
L4 0 S L2 AND (COMPLEMENTARY OR HYBRIDIZ#####)
L5 4 DUP REM L2 (0 DUPLICATES REMOVED)
L6 5 S TISSUE REPAIR PROTEIN
L7 0 S L6 AND NUCLEIC ACID SEQUENCE#
L8 69 S TRANSFORMING GROWTH FACTOR(10A) (WOULD OR HEAL####)
L9 0 S L8 AND NUCLEIC ACID SEQUENCE#
L10 5 S L8 AND (CDNA OR NUCLEIC ACID)
L11 4 S L10 AND (HYBRIDIZ##### OR COMPLEMENTARY)
L12 1 DUP REM L11 (3 DUPLICATES REMOVED)
L13 1651 S TRANSFORMING GROWTH FACTOR#(10A) (WOUND# OR HEAL####)
L14 2 S L13 AND NUCLEIC ACID SEQUENCE#
L15 1 S L14 AND (COMPLEMENTARY OR HYBRIDIZ#####)

=>

15 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1997:48888 CAPLUS
 DN 126:54893
 TI Human transforming growth factor .alpha. HII cDNA sequence, recombinant
 production, pharmaceutical uses and immunoassay as well as mutant gene
 assay
 IN Wei, Ying-Fei; Meissner, Paul S.; Ni, Jian
 PA Human Genome Sciences, Inc., USA; Wei, Ying-Fei; Meissner, Paul S.; Ni,
 Jian
 SO PCT Int. Appl., 72 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9636709	A1	19961121	WO 1995-US6386	19950519
	W: AU, CA, CN, JP, KR, MX, NZ, SI, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2215350	AA	19961121	CA 1995-2215350	19950519
	AU 9526427	A1	19961129	AU 1995-26427	19950519
	AU 713364	B2	19991202		
	EP 826041	A1	19980304	EP 1995-921317	19950519
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE				
	JP 11506908	T2	19990622	JP 1996-534782	19950519
	JP 2003000247	A2	20030107	JP 2002-143471	19950519
	ZA 9504848	A	19961212	ZA 1995-4848	19950612
	US 6410506	B1	20020625	US 1998-930564	19980130
	US 2002143156	A1	20021003	US 1999-227853	19990111
	US 6642006	B2	20031104		
PRAI	JP 1996-534782	A3	19950519		
	WO 1995-US6386	A	19950519		
	US 1998-930564	A3	19980130		
AB	The present invention discloses transforming growth factor .alpha. HII polypeptides and polynucleotides encoding such polypeptides. Also provided is a procedure for producing such polypeptides by recombinant techniques and therapeutic used of the polypeptides which include stimulating wound healing neurol. disorders, treating ocular disorders, treating kidney and liver disorders and stimulating embryogenesis and angiogenesis. Also disclosed are antagonist against such polypeptide and their use as a therapeutic to treat neoplasia. Also disclosed are diagnostic assays for detecting altered levels of the polypeptides of the present invention and mutations in the nucleic acid sequences which encode the polypeptides of the present invention.				
AB	The present invention discloses transforming growth factor .alpha. HII polypeptides and polynucleotides encoding such polypeptides. Also provided is a procedure for producing such polypeptides by recombinant techniques and therapeutic used of the polypeptides which include stimulating wound healing neurol. disorders, treating ocular disorders, treating kidney and liver disorders and stimulating embryogenesis and angiogenesis. Also disclosed are antagonist against such polypeptide and their use as a therapeutic to treat neoplasia. Also disclosed are diagnostic assays for detecting altered levels of the polypeptides of the present invention and mutations in the nucleic acid sequences which encode the polypeptides of the present invention.				
IT	Gene therapy Genetic vectors Immunoassay Mutation Nucleic acid hybridization Protein sequences cDNA sequences (human transforming growth factor .alpha. HII cDNA sequence, recombinant prodn., pharmaceutical uses and immunoassay as well as				

mutant gene assay)
IT Angiogenesis
Wound healing
(stimulant; human transforming growth
factor .alpha. HII cDNA sequence, recombinant prodn.,
pharmaceutical uses and immunoassay as well as mutant gene assay)

=>

* * * * * STN Columbus * * * * *

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=> s tissue (10a) repair (10a) protein1
1 IS NOT A RECOGNIZED COMMAND
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"HELP COMMANDS" at an arrow prompt (=>).

=> s tissue (10a) repair (10a) protein#
L1 507 TISSUE (10A) REPAIR (10A) PROTEIN#

=>
=> s l1 and nucleic acid sequence#
L2 4 L1 AND NUCLEIC ACID SEQUENCE#

=> s l2 and hybridiz#####
L3 0 L2 AND HYBRIDIZ#####

=> s l2 and (complementary or hybridiz#####)
L4 0 L2 AND (COMPLEMENTARY OR HYBRIDIZ#####)

=> dup rem l2
PROCESSING COMPLETED FOR L2
L5 4 DUP REM L2 (0 DUPLICATES REMOVED)

=> d l5 1-4 bib ab kwic

L5 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2004:39588 CAPLUS
TI Methods of inducing or enhancing connective tissue repair using brachyury
IN Gazit, Dan; Zilberman, Yoram; Turgeman, Gadi; Pelled, Gadi; Gross,
Gerhard; Hoffmann, Andrea
PA Israel
SO U.S. Pat. Appl. Publ., 28 pp., Cont.-in-part of U.S. Ser. No. 67,980.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004009157	A1	20040115	US 2002-298215	20021118
	DE 19837438	A1	20000224	DE 1998-19837438	19980818
	US 2003185807	A1	20031002	US 2002-67980	20020208
PRAI	DE 1998-19837438	A	19980818		

US 1999-376276 B2 19990818
US 2002-67980 A2 20020208

AB The invention relates to methods of enhancing repair of a cartilage and/or inducing formation of a cartilage by administering a cell, which expresses a factor of the T-box family, which includes inter-alia the brachyury. In another embodiment, the invention relates to an engineered cell, which is transfected with a vector comprising a **nucleic acid sequence** encoding a factor of the T-box family, thereby expressing a factor of the T-box family. In another embodiment, the invention relates to compns. comprising a vector, which comprises a **nucleic acid sequence** encoding a factor of the T-box family for regulation of expression of FGF or BMP2.

AB The invention relates to methods of enhancing repair of a cartilage and/or inducing formation of a cartilage by administering a cell, which expresses a factor of the T-box family, which includes inter-alia the brachyury. In another embodiment, the invention relates to an engineered cell, which is transfected with a vector comprising a **nucleic acid sequence** encoding a factor of the T-box family, thereby expressing a factor of the T-box family. In another embodiment, the invention relates to compns. comprising a vector, which comprises a **nucleic acid sequence** encoding a factor of the T-box family for regulation of expression of FGF or BMP2.

IT INDEXING IN PROGRESS

IT Bone morphogenetic **proteins**

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(2; methods of inducing or enhancing connective **tissue repair** using brachyury)

L5 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2003:875393 CAPLUS

DN 139:363045

TI Genes expressed in atherosclerotic tissue and their use in diagnosis and pharmacogenetics

IN Nevins, Joseph; West, Mike; Goldschmidt, Pascal

PA Duke University, USA

SO PCT Int. Appl., 408 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 3

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003091391	A2	20031106	WO 2002-US38221	20021112
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
WO 2003091391	A2	20031106	WO 2002-XA38221	20021112
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

WO 2003091391 A2 20031106 WO 2002-XB38221 20021112
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,
DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP,
KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN,
MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,
TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU,
TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE, SN, TD, TG

US 2003224383 A1 20031204 US 2002-291885 20021112
PRAI US 2002-374547P P 20020423
US 2002-420784P P 20021024
US 2002-421043P P 20021025
US 2002-424680P P 20021108
WO 2002-US38221 A 20021112

AB Genes whose expression is correlated with an determinant of an
atherosclerotic phenotype are provided. Also provided are methods of
using the subject atherosclerotic determinant genes in diagnosis and
treatment methods, as well as drug screening methods. In addn., reagents
and kits thereof that find use in practicing the subject methods are
provided. Also provided are methods of detg. whether a gene is correlated
with a disease phenotype, where correlation is detd. using a Bayesian
anal.

L5 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:777101 CAPLUS
DN 139:281209
TI Methods of inducing or enhancing connective tissue repair
IN Gazit, Dan; Zilberman, Yoram; Turgeman, Gadi; Pelled, Gadi; Gross,
Gerhard; Czichos, Stefan; Hoffmann, Andrea
PA Israel
SO U.S. Pat. Appl. Publ., 26 pp., Cont.-in-part of U.S. Ser. No. 376,276,
abandoned.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003185807	A1	20031002	US 2002-67980	20020208
	DE 19837438	A1	20000224	DE 1998-19837438	19980818
	US 2004009157	A1	20040115	US 2002-298215	20021118
PRAI	DE 1998-19837438	A	19980818		
	US 1999-376276	B2	19990818		
	US 2002-67980	A2	20020208		

AB The invention relates to methods of enhancing repair of a cartilage and/or
inducing formation of a cartilage by administering a cell which expresses
a factor of the T-box family, which includes inter-alia the brachyury. In
another embodiment, the invention relates to an engineered cell, which is
transfected with a vector comprising a **nucleic acid**
sequence encoding a factor of the T-box family, thereby expressing
a factor of the T-box family. In another embodiment, the invention
relates to compns. comprising a vector which comprises a **nucleic**
acid sequence encoding a factor of the T-box family and
in another embodiment the compn. comprising cell which expresses a factor
of the T-box family, which includes inter-alia the brachyury.
AB The invention relates to methods of enhancing repair of a cartilage and/or
inducing formation of a cartilage by administering a cell which expresses
a factor of the T-box family, which includes inter-alia the brachyury. In
another embodiment, the invention relates to an engineered cell, which is
transfected with a vector comprising a **nucleic acid**
sequence encoding a factor of the T-box family, thereby expressing

a factor of the T-box family. In another embodiment, the invention relates to compns. comprising a vector which comprises a **nucleic acid sequence** encoding a factor of the T-box family and in another embodiment the compn. comprising cell which expresses a factor of the T-box family, which includes inter-alia the brachyury.

IT Bone morphogenetic **proteins**

RL: BSU (Biological study, unclassified); BIOL (Biological study)
(2; methods of inducing or enhancing connective **tissue repair**)

IT Antibodies

Antisense oligonucleotides
Carbohydrates, biological studies
Nucleic acids

Proteins

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(methods of inducing or enhancing connective **tissue repair**)

L5 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2003:922663 CAPLUS

DN 139:391325

TI Tissue graft comprising collagenous matrix and **nucleic acid sequence** encoding biofunctional protein

IN Badylak, Stephen F.; Bonadio, Jeffrey; Voytik, Sherry

PA Purdue Research Foundation, USA; The Regents of the University of Michigan

SO U.S., 6 pp., Cont.-in-part of U.S. Ser. No. 343,204.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6653291	B1	20031125	US 1995-390700	19950217
	WO 9625179	A1	19960822	WO 1996-US2136	19960216
	W: AU, BR, CA, HU, JP, KR, MX, PL, SG				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9652965	A1	19960904	AU 1996-52965	19960216
PRAI	US 1992-976176	A1	19921113		
	US 1994-176565	B1	19940103		
	US 1994-343204	A2	19941122		
	US 1995-390700	A	19950217		
	WO 1996-US2136	W	19960216		

AB The invention relates to tissue graft comprising collagenous matrix and **nucleic acid sequence** encoding biofunctional protein. The collagenous matrix consists essentially of warm-blooded vertebrate intestinal submucosa delaminated from both the tunica muscularis and at least the luminal portion of the tunica mucosa of warm-blooded vertebrate intestine. The **nucleic acid sequence** is typically recombinant DNA including gene(s) encoding for one or more biofunctional proteins. Injection or implantation of the compn. into a host induces the formation of transformed cells capable of expressing gene(s) encoded by the **nucleic acid sequence**.

RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

TI Tissue graft comprising collagenous matrix and **nucleic acid sequence** encoding biofunctional protein

AB The invention relates to tissue graft comprising collagenous matrix and **nucleic acid sequence** encoding biofunctional protein. The collagenous matrix consists essentially of warm-blooded vertebrate intestinal submucosa delaminated from both the tunica muscularis and at least the luminal portion of the tunica mucosa of warm-blooded vertebrate intestine. The **nucleic acid sequence** is typically recombinant DNA including gene(s) encoding

for one or more biofunctional proteins. Injection or implantation of the compn. into a host induces the formation of transformed cells capable of expressing gene(s) encoded by the **nucleic acid sequence**.

- ST intestine mucosa biofunctional **protein tissue** regeneration **repair**; tissue graft collagenous matrix biofunctional protein
- IT Proteins
RL: BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(biofunctional; tissue graft comprising collagenous matrix and **nucleic acid sequence** encoding biofunctional protein)
- IT Plasmid vectors
(carrying biofunctional protein; tissue graft comprising collagenous matrix and **nucleic acid sequence** encoding biofunctional protein)
- IT Eukaryota
(cell, expression of biofunctional protein in; tissue graft comprising collagenous matrix and **nucleic acid sequence** encoding biofunctional protein)
- IT Joint, anatomical
(disease, degeneration, treatment of; tissue graft comprising collagenous matrix and **nucleic acid sequence** encoding biofunctional protein)
- IT Bone, disease
(fracture, treatment of; tissue graft comprising collagenous matrix and **nucleic acid sequence** encoding biofunctional protein)
- IT Dog (Canis familiaris)
Swine
(implanted with submucosal tissue soaked in a DNA soln.; tissue graft comprising collagenous matrix and **nucleic acid sequence** encoding biofunctional protein)
- IT Intestine
(mucosa, collagenous matrix comprising; tissue graft comprising collagenous matrix and **nucleic acid sequence** encoding biofunctional protein)
- IT Hydrolysis
(of intestine submucosa in collagenous matrix; tissue graft comprising collagenous matrix and **nucleic acid sequence** encoding biofunctional protein)
- IT Intestine
(small, mucosa, collagenous matrix comprising; tissue graft comprising collagenous matrix and **nucleic acid sequence** encoding biofunctional protein)
- IT Intestine
(small, tunica mucosa, collagenous matrix comprising; tissue graft comprising collagenous matrix and **nucleic acid sequence** encoding biofunctional protein)
- IT Animal tissue
(soft, ulceration, treatment of; tissue graft comprising collagenous matrix and **nucleic acid sequence** encoding biofunctional protein)
- IT Intestine
(submucosa, collagenous matrix comprising; tissue graft comprising collagenous matrix and **nucleic acid sequence** encoding biofunctional protein)
- IT Transplant and Transplantation
(tissue graft comprising collagenous matrix and **nucleic acid sequence** encoding biofunctional protein)
- IT Autoimmune disease
(treatment of; tissue graft comprising collagenous matrix and **nucleic acid sequence** encoding

biofunctional protein)
IT Vertebrata
(warm-blooded, collagenous matrix from; tissue graft comprising
collagenous matrix and **nucleic acid**
sequence encoding biofunctional protein)

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09/869.564

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Term:

L3 and healing

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<i>DB=USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>			
<u>L4</u>	L3 and healing	1	<u>L4</u>
<u>L3</u>	bonthron.in.	9	<u>L3</u>
<u>L2</u>	L1 and wound healing	1	<u>L2</u>
<u>L1</u>	Markham.in.	682	<u>L1</u>

END OF SEARCH HISTORY